FOUNDRY TRADE JOURNAL
Established 1902

Index to Volume 100

January to June, 1956

A

Absence of Uniform Power Ratings, 78
Acknowledgments, 19
Air Diffuser, 456
Aluminium Development Association, Research Scholarship, 112; Annual General Meeting, 338
nerican Foundrymen's Society, 236
glo-Swedish Trade, 133
l Conference, Institute of British Foundrymen,
al Dinner, Institute of British Foundrymen, 519
ual General Meeting, Institute of British Foundrymen, 477
Annual Report, Institute of British Foundrymen, 457
Application of Insulated Feeders to Sand Castings in Long-freezing range Copper Alloys, 487
Appreciation of F. W. Stokes, 186
Arc Furnaces for Ingot Steel, 292
Aspects of Corrosion-resisting Steel Castings, 409
Association of Bronze & Brass Founders, 269
Atmospheric Control for Furnaces, 119
Atomic Engineering Group, 236
Australian Foundry Industry, 233
Australian Industrial Activities, 531
Automatic Moulding System, 237
Automation and Redundancy, 412
Automation Courses, 360
Awards, 1956, Institute of British Foundrymen, 486

B

Basic Training for the Metallurgist, 380
Bessemer Memorial Display, 396
Bibliography on the CO_2 Process, 393
Bid for Millspaugh Unconditional, 12, 37, 156
Birthday Honours, 413
Bonding Materials, Fast-drying, Experience with, 351

Book Reviews:—

Abbott's National Electrical Code Handbook (8th edition), 340
Casting of Steel, 272
Constitutional Diagrams of Alloys, 340
Control of Quality in the Production of Wrought Non-ferrous Metals and Alloys—III—Control of Quality in Heat-treatment and Final Operations, 524
Creep Fracture of Metals at High Temperature, 305
Definitions and Formulae for Students—Metallurgy, 500
Electric Motors and Controls, 186
Emaillage de la Tole D'Acier et de la Fonte (Enamelling of Sheet Steel and Cast Iron), 402
Foundry Practices, 132
Foundry Ventilation and Dust Control, 500
Gussfehler-Atlas, Vol. I, 305
Handbook of Barrel Finishing, 465
Kempe's Engineers' Yearbook, 1956, 186
Manganese Steel, 370
Magnesium—Fabricating and Casting, 465
Mechanical World Year Book, 132
Metallurgical Thermochemistry, 370
Modern Workshop Practice, Part I, Materials and Processes, 402
Pocket Book for Mechanical Engineers (new edition), 340
Principles of Metal Casting, 119
Proceedings of the 1955 Convention, 305
Properties of Aluminium and its Alloys, 305
Steam Boiler Year-book and Manual, V, 305
Steels for the User, 132
Survey of the CO_2 Process for Core and Mould Making, 272
Zinc and Light Metal Die-casting, 132
Bradley & Foster Golf Competition, 380
Brakes, Disc Type, for Motor Vehicles, 93
British Blast Furnaces in the March Quarter, 1956, 310, 311
British Cast Iron Research Association: Sand Control Course, 156, New Laboratories, 183, Fuel Efficiency, 506
British Chemical Standards, 418
British Compressed Air Society, 206
British Electrical Power Convention & Exhibition, 376
British Industries Fair, Briefs, 211; 1957, 396
British Institute of Management—Droitwich Conference, 173
British Non-Ferrous Metals Research Association, 254, 307
British Oxygen Plant for Tees-side, 112
British Shell-moulding Practice, Recent Developments and Current Trends, 507
British Standards Institution, 206, 522
British & World Shipbuilding, 366

C

Canadian Market for Protective Equipment, 350
Capper Pass Awards, 30, 133
Carbon-dioxide Process, Bibliography, 393
Carbon-dioxide Process Discussions, 207, 235
Carbon-dioxide Process, Progress with in British Foundries, 99 (Discussion), 129
Carbon-dioxide Progress, 152
Cardiff Conference Fund, 166, 414
Cast Iron, Gases in, 13
Cast Iron, International Standards, 81
Cast Iron, Molybdenum in, 74

Cast-iron Table Moulded in CO_2 Sand, 91
Cast-iron Work Rolls, Failures of, 94
Cast Jigs Replace Weldments, 222
Cast Manganese Steel, 141, 177, 408
Cast-steel Bogie Trucks, Production Moulding of Components for, 273
Casting Design, Co-operation between Engineer and Foundryman, 63 (Discussion), 115
Castings Design, 361
Castings, Dimensionally-accurate, 293, 331
Castings, Light-alloy, Jobbing Production of, 195
Castings, Running and Gating of, 223
Castings, Use of, in a Modern Iron and Steel Works, 443
Catalogues, New: 35, 44, 47, 73, 235, 45 (Advert section, May 10 issue), 370, 37 (Advert section, May 31 issue), 424
Centenary of *The Engineer* 23
Chisel Sleeve for Dust Control, 238
Clayton (James) Prize, 133
Clyde Machinery Contracts, 133
Cold-setting Core Technique, 38
Coloured Refrigerators, 220
Conferences:—
Institute of British Foundrymen, Cardiff Conference, 255, 457, 477, 519
International Electric-tool Manufacturers' Conference, 452
Standards Officers' Conference, 455
World Power, 62
Congresses:—
French Foundry, 90, 523
International Foundry Congress, 11, 79
Continuous Sand Mixer, 337
Control Points in Steelworks Cranes, 128
Control Valves, 456
Conversion of Cupolas from Cold to Hot Blast, and Operating Economies, 5
Conveyor Idler, 238
Co-operation between Engineer and Foundryman on Casting Design, 63 (Discussion), 115
Copper Alloys, Application of Insulated Feeders to Sand Castings in Long-freezing range, 487
Corrosion-resisting Steel Castings, 409
Cost of Dust Collection, 113, (Correspondence) 176
Council of Ironfoundry Associations, 254, 302, Annual Report, 389
Council's Ten Restrictions, 30
Course on Sand Control, 156

Correspondence :—
Advisory Service for Bronze and Brass Founders, 90
Cost of Dust Collection, 176
Dust and Fume Extraction in Foundries, 476
Dust-removal Plant, 452
Eye Protection for Metal Pourers, 62
Grain Shape of Foundry Sands, 350
Hard Spots in Manganese-Bronze, 194
Is Green-sand Moulding Deteriorating? 292
Rising Prices, 222
Valedictory Note, 11
Cranes, Control Points in Steelworks, 128
Creep-speed Device, 426
Cupola Charger Accident, 418
Cupolas, Conversion of, from Cold to Hot Blast, and Operating Economies, 5
Cupolas, Hot-blast, in the Foundry, 463
Current Trends and Recent Developments in British Shell-moulding Practice, 507
Czech Experience with Oyxgen-enriched Cupola Blast, 427

D

Data Sheet, 149
Death of:—
Bunting, Henry, 194
Cameron, J., 86
Clements, J. K., 222
Rennie, William, 186
Stokes, F. W., 186
Denseners in the Foundry, Silicon-carbide Shapes as, 75
Department of Scientific and Industrial Research, 463
Deterioration of Green-sand Moulding? 167 (Correspondence) 292
Developments and Current Trends of British Shell moulding Practice, 507
Developments in Fluidity Testing, 31
Developments in Spheroidal-graphite Iron, 321
Die-casters, Safe-working Hints, 427
Diesel/Electric Locomotive, 425
Dimensionally-accurate Castings, 293, 331
Diploma Award in Technology, 360
Disastrous Effects of Legislation, 12
Disc Brakes for Motor Vehicles, 93
Dinners:—
Aga Heat, Limited, 166
Foundry Coke Merchants' Association, 166
Institute of Metals, 194
Lake & Elliot, Limited, 254
Machine Tool Trades Association, 166
South of England Ironfounders' Association, 166
Dollar Export Talks, 81
William Doxford Reorganization, 531
Drilling Machine, 525
Duke Makes a Casting, 166
Dust and Fume Extraction in Foundries, 381 (Correspondence) 476
Dutch Foundry Centre, 78
Dutch Steelworks Expansion, 30

E

Eastern Tea Kettle, 506
Electrically-heated Screens, 238, 369
Electric Ladle, Holding and Superheating in, 485
Engineer and Foundryman Co-operation on Casting Design, 63 (Discussion), 115
Engineering Centre's President, 234
Epoxy Resin, Patterns Cast in, 243

Equipment and Supplies :—
Air Diffuser, 456
Atmosphere Control for Furnaces, 119
Automatic Moulding System, 237
Chisel Sleeve for Dust Control, 238
Continuous Sand Mixer, 337
Control Valves, 456
Conveyor Idler, 238
Creep-speed Device, 426
Diesel/Electric Locomotive, 425
Drilling Machine, 525
Electrically-heated Screens, 238, 369
Eye Protection, 119
Factory Vacuum Cleaner, 306
Ferrite-estimation Apparatus, 425
Fire Extinguisher, 153
Flooring Tile, 525
Fluorescent Lighting, 525
"Foam" Fire Fighter, 456
Hallsworth Automatic Moulding System, 237
Industrial Flooring for Heavy Duty, 426
Industrial X-ray Unit, 456
Large Shell-moulding Machine, 426
Leak-test Cabinet, 153
Miniature Tipper, 153

Oil and Water Separator, 237
Pneumatic Grab for Clearing Dry-sand Moulds, 425
Precision Mixer, 426
Precision Thickness-gauge, 369
Pre-coating Resins, 306
Rotary Extractor, 306
Roughness Standards, 119
Rubber Knee-pads, 456
Slotted-angle Material, 153
Speed Regulators, 426
Spray-booth Ventilation, 306
Spray Gun, 456
Table Projector, 456
Wire-rope Terminals, 337
Europe's Largest Furnace, 43
Evaluation of Casting Processes, 396
Exhibitions:—
British Electric Power, 376
British Industries Fair, 211
Factory Equipment, 160
Ideal Home, 166
Industrial Art, 194
International Machine Tool, 466
Mechanical Handling, 286, 316
Minibition, 164
Physical Society, 314
Production, 192, 380
Permanent Instrument, 11
Expanding Laboratory Service, 455
Expansion in Industry, 38
Expansion of Vickers Group, 341
Experience with Fast-drying Bonding Materials, 351
Export Credit Insurance, 22
Export of Aluminium Goods, 457
Exports of Iron and Steel Goods, 133
Extensions at Parsons' Heaton Works, 235
Eye Protection, 119

F

Factory Equipment Exhibition, 160
Factory Vacuum Cleaner, 306
Failures of Cast-iron Work Rolls, 94
Fast-drying Bonding Materials, Experience with, 351
Federation's President-elect, 44
Ferrite-estimation Apparatus, 425
Fifty-third IBF Annual Conference, 139
Fire Extinguisher, 153
Firestone Tax Case, 120
First Royal Society for the Prevention of Accidents Award, 341
Featuring :—
Barnett, Sir George, 3
Holman, A. T., 253
Williams, H. J. V., 440

Film Review :—
None to Trouble Nobody, 166
Flooring Tile, 525
Fluidity Testing Developments, 31
Fluorescent Lighting, 525
"Foam" Fire Fighter, 456
Foremen's Training Course, 112, 138
Forty Years Ago, 11, 98, 152, 320, 506
Foundries, Dust and Fume Extraction, 381 (Correspondence) 476
Foundry Industry, Australian, 233
Foundry Plant for Russia, 254
Foundry Statistics, 30, 62, 90, 126, 138, 194, 254, 320, 380, 452, 476, 506
Foundryman and Engineer Co-operation on Casting Design, 63, (Discussion) 115
Foundrymen's Dislikes, 39
French Foundry Congress in Charleville, 90, 523
French Patternshops, Study Tour of, 421
Fume and Dust Extraction in Foundries, 381, (Correspondence) 476
Furnace Television Equipment, 395
Future of Falls Foundry, 22

G

Gartsherrie Pig-iron Scheme, 133
Gas-content Testing of Molten Metals in a Foundry, 361
Gases in Cast Iron, 13
Gating and Running of Castings, 223
Goggles Receipt Incorrectly Dated, 398
Gould, P. L., Presentation, 98
Green-sand Moulding—Is it Deteriorating? 167 (Correspondence) 292
Guest, Keen & Nettlefold Expansion, 452

H

Hadfields & Landegger Again, 12, 37, 94, 156
Hallsworth Automatic Moulding System, 237
Health Provisions, Discussion by West Riding Ironfounders' Association, 303
Heavy Fuel-oil Gasification for Metallurgical Furnaces, 415
Holding and Superheating in an Electric Ladle, 485
Honorary President of Colvilles, 90
Horse-play at Foundry School, 12
Hot-blast Conversion of Cupolas, and Operating Economies, 5
Hot-blast Cupolas in the Foundry, 463
House Organs, 35, 73, 41 (Advert section, April 26 issue) 45, (Advert section, May 24 issue) 465

I

Ideal Home Exhibition, 166
Imports and Exports of Iron and Steel, in November, 213, in December, 214, in January and February, 244, in March, 344, in April, 432
Improved Terms for Export Credits Guarantees, 183
India to Expand Steel Output, 20 (Advert section, February 9 issue)
Industrial Art Exhibition, 194
Industrial Flooring for Heavy Duty, 426
Industrial Use of Fuel Oil, 232
Industrial X-ray Unit, 456

Institute of British Foundrymen :—
Annual Conference, 139
Annual Dinner, 519
Annual General Meeting, 477
Annual Report, 457
Awards, 486
Cardiff Conference Fund, 166, 414
Conference Works Visits, 255
Edward Williams Lecture, 443; Lecturer, 442
Foremen's Training Course, 112, 138
Golf Meeting, 442
Tom Makemson Memorial Award, 152
Meetings for Apprentices, 97
National Works Visit Day, 1956, 126
New Members, 174, 301
New President, 440, Senior Vice-president, 451, Junior Vice-president, 451
New Sections, 350
New Technical Sub-committees, 176
Notes from the Branches :—
Australia (Victoria), 157, 424
Beds & Herts, 112

Bristol and West of England, 97, 107, 182, 339
East Anglia, 126, 241
Lancashire, 112, 397
London, 366
Newcastle-upon-Tyne, 92, 157, 241
Sheffield, 98
Slough, 157, 268
South Africa, 241, 424
Southampton, 126
Tees-side, 106, 365
Wales & Monmouth, 58, 94, 126, 157, 241, 268
Papers for 1957 Conference, 182
Presidential Address, 453
Technical Council Report, 495
Inspection Lamp Accident, 398
Institute of Fuel, Cost of Dust Collection, 113
Institute of Metals, Awards, 11, Dinner, 194, New President, 222
Institute of Physics, Conference, 393
Institute of Vitreous Enamellers, Summer School, 350
Insulated Feeders to Sand Castings in Long-freezing-range Cooper Alloys, Application of, 487
International Conference on Fatigue, 316
International Electric-tool Manufacturers' Conference, 452
International Foundry Congress, 11, 79
International Machine Tool Exhibition, 466
International Standards for Cast Iron, 81
Iron and Steel Holding Realization Agency Disposals Reach £152,000, 20 (Advert section, February 9 issue)
Iron & Steel Institute Awards, 292
Iron and Steel Meeting in France, 338
Iron and Steel Statistics, 388
Iron and Steel Works, Use of Castings in, 443
Iron Castings Output Maintained, 414
Iron-ore Imports, 44, 20 (Advert section, February 9 issue) 206, 318, 400, 531
Is Green-sand Moulding Deteriorating? 167 (Correspondence) 292

J

"Jimmy" Timbrell Retires, 12
Jobbing Production of Light-alloy Castings, 195

K

George Kent's Apprentice Training Scheme, 98
"Key" to Cardiff, 418

L

Lackenby Rolling Mill, 239
Ladles and Shanks, 45
Landegger's Bid for Millspaugh Units, 12, 37, 94, 156
Large Shell-moulding Machine, 426
Latest Developments in Spheroidal-graphite Iron, 321
Law Cases, 28, 93, 108, 134, 398, 418
Leaders :—
Addition not Multiplication, 349
Automation in Foundry Practice, 319
Base of a Pyramid, 165
Cardiff Conference, 475
Catching Up, 137
Conditions in Iron Foundries, 125
Edward Williams Lecture, 439
Good and Bad Publicity, 97
Importance of Overseas Students, 221
Industrial Design, 291
Ironfoundry Statistics, 111
Machine Tool Exhibition, 505
Not Too Little, Not Too Much, 29
Potential Economies, 61
Restrictive Practices, 252
Solution to a Sticky Problem?, 407
Step Towards Greater Safety, 379
Textbooks, 89
Thoughts for 1956, 1
What the Foundry Foreman is Thinking, 193
Leak-test Cabinet, 153
Let us Take Stock, 453
Leyland's New Shot-blasting Plant, 127
Light-alloy Castings, Jobbing Production of, 195
Light Metals Congress, 194
Liquid-cooled Blades, 231
Luncheons:—
British S.G. Iron Producers' Association, 254
Foundry Coke Merchants' Association, 380

M

Machine Tool Imports, 493
Tom Makemson Memorial Award, 152
Manganese Cast Steel, 141, 177, 408
Marine Propellers, 120
Mechanical Handling Exhibition, 286, 316
Metal-finishing Wastes, 243
Metallurgical Furnaces, Heavy Fuel-oil Gasification, 415
Midlands Industry Report, 94
Millspaugh, Limited, 12, 37, 94, 156
Miniature Tipper, 153
Minibition, 164
Mobile German Laboratory, 176
Molten Metals, Testing the Gas-content, in a Foundry, 361
Molybdenum in Cast Iron, 74
Mond Nickel Fellowships, 62
More Coal Board Staff, 38
Mould Composition for Bronze Castings, 506
Moulding of Components for Cast-steel Bogie Trucks, 273

N

National Federation of Iron & Steel Merchants, 292
National Foundry College—Its Origin and Purpose, 367; "Open Day," 194, 408
National Foundry Craft Training Centre, 62
National Fuel Requirements, 44
National Industrial Safety Conference, 360
National Society of Master Patternmakers—Visit to Wadkin, Limited, 175; Annual General Meeting, 320; Visit to France, 421
National Works Visit Day, 126
New Abbey Works Extension, 388
New American Laboratory for Metals and Ceramics, 74
New Brown, Lenox Laboratories, 524
New British Cast Iron Research Association Laboratories, 183
New British Chemical Standards, 418
New Diploma Award in Technology, 360
New Dutch Foundry Centre, 78
New ISCO Steel Foundry, 310
New Mould Composition for Bronze Castings, 506
New Richard Thomas & Baldwin Research Department, 311
New Welfare Centre, 338
New Year Honours, 4, 37
Nickel Industry in 1955, 74
Notch Tensile Test, 128

O

Oil and Water Separator, 237
Organization for European Economic Co-operation, Abstracts, 151
Organization of a Small Non-ferrous Shop—Taylor's Foundry, 107
Oxygen Plant for Tees-side, 112

P

Parliamentary, 536
Patents Abridgements, 388
Patternmakers Visit Wadkins, 175
Patterns Cast in Epoxy Resin, 243
Permanent-magnet Materials, 175
Physical Society Exhibition, 314
Pig-iron and Steel, 49
Pig-iron and Steel Production for October, 52; for November, 82; for December, 185; for January, 282; for February, 342; for March, 399; for April, 532
Plaque of the Duke, 11
Plate Castings in Spiegeleisen, 368
Pneumatic Grab for Clearing Dry-sand Moulds, 425
Pneumoconiosis, 398; Pensions, 493; Compensation Changes Urged, 133
Portable Mould Dryers, 493
Precision Mixer, 426
Precision Thickness-gauge, 369
Precoating Resins, 306
Presentation to Mr. P. L. Gould, O.B.E., 98
Pressure-die-casting Recommendations, 151
Production Exhibition and Conference, 192, 380
Production Moulding of Components for Cast-steel Bogie Trucks, 273
Progress with the CO_2 Process in British Foundries, 99, (Discussion) 129
Propellers, Marine, 120
Properties, Production and Uses of Spheroidal-graphite Cast Iron, 527
Proposed New Special Regulations for Fencing Abrasive Wheels, 156
Publications Received, 34 (Advert section, January 12 issue) 105, 186, 340, 359, 402, 500, 524
Purchasing Officers' Association Booklet, 414, Course for Senior Buyers, 452

R

Railway Rolling-stock Contracts, 232, 341, 450
Railways Modernization, 181
Rating and Valuation, 30
Re-casting of Bow Bells, 476
Recent Developments and Current Trends of British Shell-moulding Practice, 507
Record Year for Steel, 78
Reflection Electron Microscopy, 418
Renfrew Foundry Goes to High Duty Alloys, 175, Shut-down, 408
Report of a Study Tour of French Patternshops, 421
Research Scholarship in Foundry Work, 302
Rotary Magnetic Extractor, 306
Roughness Standards, 119
Rubber Knee-pads, 456
Running and Gating of Castings, 223
Russian Pig-iron, 22

S

Safe-working Hints for Die-casters, 427
Sand Castings in Long-freezing-range Copper Alloys, Application of Insulated Feeders to, 487
Scope for Trade with Canada, 38
Scottish Industrial Development, 173
Scottish Light Iron Castings Review, 43
Secretary Honoured, 54
Services to Health, 12
Shanks and Ladles, 45
Shear-frame Casting for Lackenby Mill, 239
Sheffield IBF Dinner, 98
Shell-moulding Machine, Large, 426
Shell Moulding on the Pacific Coast, 464
Shell-moulding Practice, Recent Developments and Current Trends, 507
Shipyards Order-books "Healthy," 44
Shot-blasting Plant, Leylands, 127
Silicon-carbide Shapes as Denseners in the Foundry, 75
Smokeless Fuel Research, 420
Solid-fuel Appliances, 78
Speed Regulators, 426
Spheroidal-graphite Cast Iron, Properties, Production and Uses of, 527
Spheroidal-graphite Iron, Latest Developments in, 321
Spray-booth Ventilation, 306
Spray Gun, 456
Standards Officers' Conference, 455
Steel Castings, Corrosion-resisting Aspects, 409
Steel, Cast Manganese, 141, 177, 408
Steel Company of Wales Managers, 30
Steel Output and Deliveries, 420
Steel—Record Year, 78
Stourport Foundry to Close, 108
Superheating and Holding in an Electric Ladle, 485

T

Table Projector, 456
Taylor's Foundry—Organization of a Small Non-ferrous Shop, 107
Technical Council Report, Institute of British Foundrymen, 495
Technical Training "In Depth," 420
Television Furnace Equipment, 395
Testing the Gas-content of Molten Metals in a Foundry, 361
Titanium for British Industry, 414

U

Use of Castings in a Modern Iron and Steel Works, 443

V

Value of Notch Tensile Test, 128
Vitreous Enamellers' Summer School, 350

W

Wadkin Chairmanship, 311
Welcome to Wales, 255
West Riding Ironfounders Discuss Health Provisions, 303
Westinghouse Brake's Record Order-book, 94
Wire-rope Terminals, 337

Works Described :—

W. A. Baker & Company, Limited, 265
Brown, Lenox & Company, Limited, 259, 524
Cardiff Foundry & Engineering Company, Limited, 260
Dialoy, Limited, 260
Glanmor Foundry Company, Limited, 263
Goulds Foundries, Limited, 256
Guest Keen Iron & Steel Company, Limited, 267
Leyland Motors Limited, 127
Northern Aluminium Company, Limited, 255
C. A. Parsons & Company, Limited, 235

Richard Thomas & Baldwins, Limited, 258
Saunders Valve Company, 256
Steel Company of Wales, Limited, 266
Taylors Foundry, 107
Wadkin, Limited, 175
John Williams & Sons (Cardiff), Limited, 263
Yorkshire Die-Casting Company, Limited, 21
Work-study and Materials Handling, 22
World Power Conference, 62

Y

Yorkshire Die-Casting Foundry, 21

Authors

Allen, Henry, 427
Bailey, D. F., 507
Blanc, G., 63
Boustred, W. G., 409
Braidwood, W. W., 321
Brown, L., 421
Bruker, W., 463
Burleigh, R., 5

Calamari, E., 485
Cartwright, W. F., 443
Collinge, W., 223

Deoras, B. R., B.Sc., M.Sc., 361
Donaldson, A. I., 351

Evans, A. W.,* 476

Gee, W. L.,* 176
Granstrom, Y.,* 11
Griffiths, H. W., 75

Haynes, Harold, 167
Heathcote and Coleman,* 194
Heinrichs, W., 463, 527
Hill, J., 293, 331
Hobkirk, W. T.,* 90
Hudson, F., 39

Jackson, R. S., 487
"Jaques," 45
Jaumain, M., 63

Kondic, V., B.Sc., Ph.D., 31, 361

Le Serve, F.,* 350
Levy, B., 421
Loubser, J. G. H., 273

Morrogh, H., 13

Orton Foster, C.,* 222

Piwowarsky, E., 141

Roes, H. L., 141
"Safety First,"* 62
Sawers, A. S. H., 195
Slater, W.,* 292

Tipper, A., 99

Wilkins, J. A., 381
Williams, H. J. V., 453
Woodman, H. J., 91

* Contributors to "Correspondence" items.